

# Toll 49 Segment 3B QUARTERLY PROGRESS REPORT No. 8 | April 2013

## **GENERAL**



Toll 49 Celebration – March 2, 2013

#### Let's Celebrate!

On March 2, 2013, the NET RMA and TxDOT celebrated the transfer of operations of the Toll 49 System from the Texas Transportation Commission to the NET RMA.

Since the last quarterly report of January 2013, CH2M Hill has reached the 95% earned milestone, which is the threshold for the NET RMA to hold retainage. This is a major step toward substantial completion as work has moved into the final stages of addressing detailed work items and clean up. Road opening is now anticipated on March 29th

Roadway construction elements underway consist of detailed finish operations of grooming slopes and ditches, planting and establishing vegetation, and installation of safety items, signing and striping. The system integrator has completed installation of the tolling equipment, programming of the tolling control boxes and field testing of the toll equipment. Structural construction is nearly complete with only minor work items remaining that include painting bridges, miscellaneous concrete riprap and minor repairs/details at multiple locations.

The maintenance of traffic operations has moved to the project limits with the number of sightseers and general public passing through the project increasing daily as the opening date gets closer. CH2M Hill and the NET RMA work crews/staff are encouraged to remember that curiosity may result in public vehicular traffic roaming into closed areas.

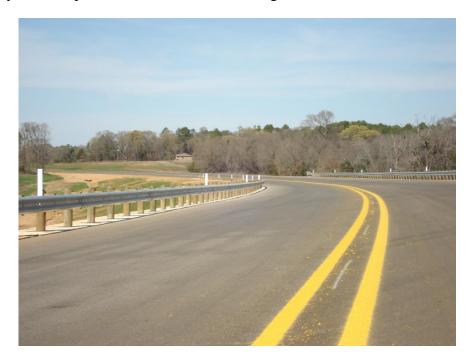


Figure 1 Striping of Toll 49 Segment 3B

Construction activities conducted by CH2M Hill from January 1, 2013 to April 1, 2013:

- > Substantially completed foundation structures, conduit, standards, and wiring installation for the project lighting and signalization. Lighting and signalizations systems are currently in "burn in" and testing phases.
- ➤ Continued construction of final slope and ditch profile and re-vegetation throughout the alignment, including on-going construction of permanent erosion control devices.
- ➤ Completed HMAC flexible pavement sections for all mainline, shoulders, ramps, and secondary roadways for the project. Approximately 137,253 cumulative tons of HMAC have been placed.
- ➤ Installation of metal beam guard fencing and other incidental roadway elements have been brought to substantial completion.
- All bridge structures have been brought to substantial completion with aesthetic detailing anticipated to be completed before the end of the current period.
- ➤ Toll collection hardware and software have been installed and are under programming and initial testing. Final testing and integration are anticipated to be complete before the end of the current period.

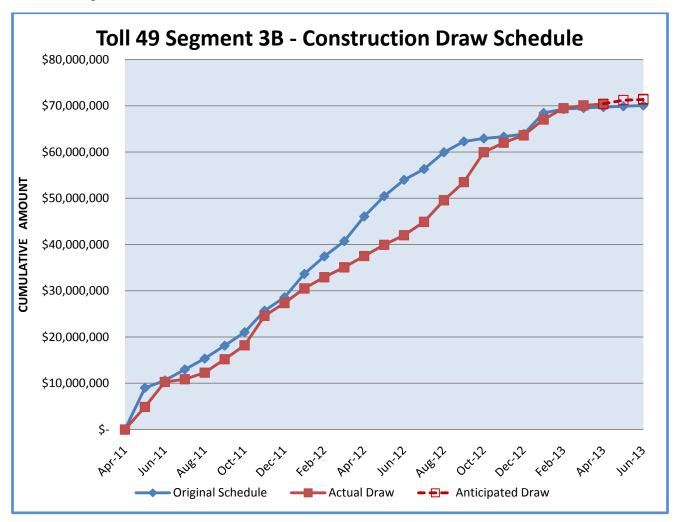
>	Final striping and permanent roadway signage installation is underway and anticipated to be completed before the end of the current period.
>	Pictures of recent construction activities are provided in Attachment A.

## **PROJECT SCHEDULE & FINANCIAL STATUS**

## **Construction Progress**

Based on current information provided with CH2M Hill's Draw Request #24 for efforts through February 2013, the construction project is 98.35% complete based on actual revenue/expenditures to date as derived from the cost-loaded schedule. This figure is derived by dividing <u>actual</u> cumulative expenditures to date by the total contract value. This compares to an anticipated completion of 95.83% based on the baseline schedule originally approved for the project. This figure is derived by dividing <u>anticipated</u> cumulative expenditures to date (also based on cost-loaded schedules) by the total contract value.

The graph below tracks and compares the anticipated cumulative expenditures against the actual cumulative expenditures related to the construction of the project, as reported by CH2M Hill in Draw Request #24.



As of February 28, 2013, CH2M Hill has completed 98.35% of the work while using 95.85% of the time to Substantial Completion. The monthly update indicates that, based on the CPM schedule, the project will be completed on or very near schedule.

#### **Financial Status**

CH2M Hill submitted Draw Request #24 on March 1, 2013, which included expenditures through February 28, 2013, to be paid by NET RMA in early March. Once a Draw Request is validated and approved, the final documents are forwarded to the Trustee, Amegy Bank, for processing and issuance of payment.

The following summary provides the financial status of the project. A detailed status chart is presented on the following page. The detailed status chart lists five items over budget (indicated by a negative number in the "remaining amount" column). It is anticipated that the underbudget items will be used to offset the over-budget items.

Original CH2M Hill Contract Amount:		70,068,399	
<b>Current Authorized Contract Amount:</b>	\$	71,591,337	
Total of CH2M Hill Payments:			
Previously paid through December, 2012	\$	67,035,927	
Payment for January, 2013	\$	2,454,106	
Payment for February, 2013	\$	602,807	
Payment for March, 2013	<u>\$</u>	319,091	
Total Amount Earned To-Date:	\$	70,411,931	
Less Retainage Held Until Project Completion:	\$_	2,400,160	
Approved Paid To-Date:	\$	68,011,771	
Amount remaining to be Paid Upon Completion:	\$	3,579,567	
Total Project Budget Expended through March 2013:	\$	82,837,801	

## **Summary of Change Orders This Reporting Period**

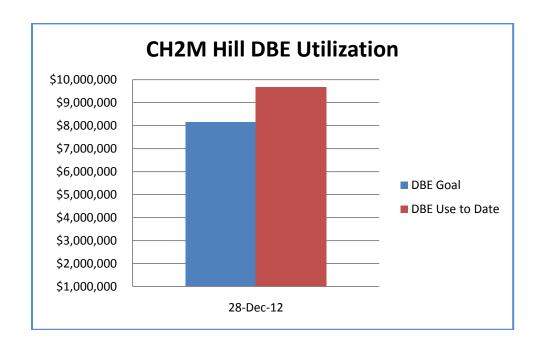
One Change Order was approved by the NET RMA Board of Directors during this report period. CO#9 in the amount of \$480,000 was approved for reported delays caused in part by archeological surveys conducted during the construction period.

## DETAIL OF TOLL 49 SEG 3B PROJECT COSTS

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY				
NET RMA Proposed Project Costs		NET RMA Draw #26		
Item	BUDGET	SPENT TO-DATE	% SPENT	REMAINING
Comprehensive Development Agreement				
Development Management and Design				
Development Management	\$5,000,000	\$4,715,725	94.31%	\$284,275
Development Design	\$6,000,000	\$6,000,000		\$0
Community Outreach	\$40,000	\$40,000		\$(
Utility Coordination, Management, & Agreements	\$225,000	\$225,000		\$0
Subtotal Development Management and Design	\$11,265,000	\$10,980,725	97.48%	\$284,275
Construction  Mobilization	\$7,006,400	\$7,006,400	100.00%	\$(
Earthwork	\$11,250,000	\$11,250,000		\$(
Utilities	\$1,500,000	\$1,500,000		\$(
Pavement, Subbase and Base Course	\$13,870,600	\$13,870,600		\$(
Structures	\$13,321,000	\$13,321,000		\$0
Drainage	\$4,750,000	\$4,750,000		\$0
Lighting, Signing, Striping, and Signals	\$1,200,000	\$580,751	48.40%	\$619,249
Toll Facilities	\$300,000	\$300,000	100.00%	\$0
Environmental Monitoring and Mitigation	\$450,000	\$413,530	91.90%	\$36,470
Quality Management and Testing	\$900,000	\$900,000	100.00%	\$0
Traffic Control	\$750,000	\$750,000		\$0
Maintenance	\$100,000	\$100,000		\$0
Incidental Construction (Barriers, Sidewalks, Landscaping, etc)	\$1,900,000	\$1,820,008	95.79%	\$79,992
Subtotal Construction	\$57,298,000	\$56,562,289	98.72%	\$735,711
Bonds, Warranties and Insurance Premiums	6044.704	Ć044.704	400.000/	<u></u>
Bonds Warranties	\$844,724	\$844,724 \$0	100.00%	\$0 \$59,421
Insurance Premiums	\$59,421 \$601,254	\$601,254	100.00%	\$59,421 \$0
Subtotal Bonds, Warranties and Insurance Premiums	\$1,505,399	\$1,445,978	96.05%	\$59,421
Construction Change Orders	\$1,303,333	<b>\$1,443,370</b>	30.0370	<del>433,42</del> 2
CO#1 - Type C Fence Installation along ROW	\$100,000	\$0	0.00%	
CO#2 - Prairie Creek Drilling w Swamp Buggy	\$49,463		100.00%	
CO#3 - Brush Removal at SH31 ROW	\$12,738	\$12,738	100.00%	
CO#4 - SH 31 Widening Overlay	(\$23,597)	(\$23,597)	100.00%	
CO#5 - Contractor Price Escalation	\$461,800	\$461,800	100.00%	
CO #6 - Seg 3A / 3B Pvmt Transition	\$7,891	\$7,891	100.00%	
CO #7a - SH 110 Asph Base Lift	\$48,773	\$48,773		
CO #7b - SH64 Pavement Changes	\$292,551	\$292,551		
CO #8- Oncor Underground Distribution Line	\$93,320		100.00%	
CO #9 - Arch Delay Settlement	\$480,000	\$480,000	100.00%	
Subtotal Construction Change Orders	\$1,522,938	\$1,422,938	93.43%	\$100,000
Total Development Price	\$71,591,337	\$70,411,931	98.35%	\$1,179,407
Total Development Frice	<b>771,331,337</b>	\$70,411,551	30.3370	Ş1,17 <i>3</i> ,407
(( LESS RETAINAGE))	(\$3,579,567)	(\$2,400,160)		
Total Payment to CDA Developer	\$68,011,770		95.00%	\$3,579,567
NET RMA Costs				
Construction Contingencies	\$477,062	\$1,888,874	395.94%	-\$1,411,813
Environmental Studies (ETHG)	\$1,500,000	\$298,875		\$1,201,125
Right-of-Way	\$4,947,857	\$2,725,471		\$2,222,386
Design Oversight & QA	\$1,650,000	\$1,687,145		-\$37,145
Construction Oversight & QA	\$3,850,000	\$2,989,437	77.65%	\$860,563
Toll Integration	\$1,802,189	\$817,748		\$984,441
Materials Testing Lab	\$574,610	\$516,955		\$57,655
TxDOT Offsite/Plant Inspection	\$110,200	\$28,230		\$81,970
Environmental Mitigation (Permit Monitoring, Permit Addendums, SW3P)	\$35,000	\$38,883		-\$3,883
Environmental Archeology & Dig Testing  Other Project Expenses (stipend, public outreach, etc.)	\$180,000 \$471,000	\$950,611 \$329,017	528.12% 69.86%	-\$770,611 \$141,983
NET RMA Admin Costs	\$471,000	\$329,017 \$1,919,784		-\$511,439
Finance Costs	\$1,408,345	\$1,919,784		-\$511,435 \$(
Subtotal NET RMA Costs	\$17,641,263	\$14,826,031	84.04%	\$2,815,232
Total Project Costs	\$89,232,600	\$82,837,801	92.83%	\$6,394,799
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## **DBE STATUS**

CH2M Hill is required and committed to meet the Disadvantaged Business Enterprise (DBE) goal for the project. As of February 28, 2013, CH2M Hill has submitted costs associated with DBE construction work in the amount of \$10,791,577, approximately 132.54% of the total planned DBE expenditures. These DBE expenditures have been made while using 96% of the contract time; therefore CH2M Hill's DBE expenditures appear to be on or ahead of schedule.



## **PUBLIC INVOLVEMENT**

With the project near completion, the public involvement work moved into the final preparations surrounding the opening and tolling of the facility. The NET RMA successfully hosted the Toll 49 Celebration on Saturday March 2, 2013, at 10 AM marking the official transfer of control of the roadway from TxDOT to the NET RMA as well as marketing of the toll road. The following lists public outreach activities that occurred during the reporting period:

#### ✓ Ad-Hoc Marketing/Grand Opening Committee

The Committee held its final meeting on February 13th to ensure everything was poised for the Celebration on March 2, 2013. The Committee included the NET RMA Chair Linda Thomas, Board Member Barham Fulmer, and Vice Chairman Gary Halbrooks. Business Direct is changing the billboard snipes to be put on the morning of March 29th and the radio spots to include updated opening information on the commercials to begin airing that morning as well. Thank you letters on behalf of the NET RMA were sent out the week of March 4th to all the sponsors, vendors and speakers who were involved with the Celebration. "dot the i" will assure that the NET RMA receives the CD/DVD of all photography taken the day of the event along with any extra paraphernalia that remains.

### ✓ Website

The Facebook and Twitter feeds are updated frequently to keep the public informed of construction progress. The website has also been updated with the most accurate mileages of all the segments along Toll 49 and has had some of the maps updated as well. Construction pictures that show the progression, significant activities or design/build milestones are also updated. Initial pictures from the Celebration have been uploaded into a gallery on the NET RMA web site as well as to Facebook.

Planning is underway to include helpful information about the toll collection system, toll rates, new maps, an updated FAQ section and general marketing of the NET RMA and Toll 49 as soon as the roadway opens to traffic.

All project public notices have been posted on the Toll 49 website (<u>www.toll49.org</u>) to keep the public informed on traffic disruption and construction activities.

#### ✓ Press Releases

February 26, 2013 – a press release was sent out informing the public and media that Segment 3B of Toll 49 would not be opening to traffic on Saturday March 2, 2013. Some local media had reported over the weekend prior to the Celebration that the road would be open on March 2nd so the press release was sent out to clear up any confusion.

#### ✓ Media Stories

- Prior to the NET RMA Board meeting on January 22, 2013, there were several
  requests from the media for interviews/comments regarding a issue that the Board
  had on their meeting agenda pertaining to the possible ban of cyclists on Toll 49. All
  interviews were held off until after the meeting at the request of NET RMA Vice
  Chairman Gary Halbrooks.
- On January 25, 2013, Roger Gray with NBC KETK Region 56, a local TV station in Tyler, interviewed Erin Lavender, Public Information Specialist for Atkins, regarding Toll 49 and cyclists as a follow up from the NET RMA's January 22<sup>nd</sup> Board meeting during which the Board tabled the issue.
- On February 22, 2013, KLTV 7 a local TV station in Tyler ran an article by Cody Lillich about the number of unpaid tolls on Toll 49 and an East Texas State Senator's shock about it.
- On February 24, 2013, five stories were run in the Tyler Morning Telegraph regarding Toll 49 by reporter Adam Russell.
- On February 28, 2013, the Chandler/Brownsboro Statesman Paper ran a story on Toll 49 and the transfer from TxDOT to the NET RMA and that the connection to I-20 was on hold until late March. KLTV 7 did a story of the transfer as did Adam Russell of the Tyler Morning Telegraph and Glenn Evans with the Longview News Journal.
- On February 28, 2013, Teresa Sardina with KETK Region 56, another local TV station in Tyler, requested an interview regarding Toll 49, the transfer and Celebration. Ms. Sardina contacted Jeff Austin, III for an interview over the phone for her story.
- On March 1, 2013, Melanie Torre with KLTV 7 did an on-site interview with NET RMA Interim Executive Director Everett Owen about the Toll 49 Celebration on Saturday and the transfer that was occurring.
- On March 3, 2013, Victor Texcucano with the Tyler Morning Telegraph and Richard Yeakley with the Longview News Journal ran articles on the Toll 49 Celebration.

#### ✓ Letters

There were no public information-related letters sent out during this period.

#### ✓ Visits

One-on-one visits with adjacent property owners and stakeholders were made as needed.

## **UPCOMING CONSTRUCTION ACTIVITIES**

The following construction activities are anticipated during the next quarterly report period:

- Substantial completion and opening of the project to public traffic is anticipated near the end of the current reporting period.
- CH2M Hill will continue to resolve final punchlist items to bring the project from Substantial Completion to Final Acceptance.

# ATTACHMENT A

Toll 49 Segment 3B Construction Activity Pictures (Photos taken on March 2, 2013 and March 12, 2013)



Audience area and stage set up for the Celebration



Classic Cars on Display at the Toll 49 Celebration



Audience at the Toll 49 Celebration



NET RMA Chair Thomas Introduces Congressman Louie Gohmert at the Celebration



NASCAR at the Toll 49 Celebration



Robert E. Lee High School Southern Belles Drill Team Performs At the Celebration



Truck Dumping Rip Rap North of SH 31



Toll 49 Looking North onto SH 64 Entrance Ramp at a Toll Gantry



Striping Truck Striping Segment 3B of Toll 49South of Prairie Creek



Looking North on Toll 49Main Lane Gantry at CR46



Looking North on Toll 49 at SH 110 Bridge



I-20 Bridge at Toll 49



Lindale Blackberry Emblem on the I-20 Bridge at Toll 49